

Ink jet Ink and Recording Material

Abstract of the Disclosure

The present invention relates to an ink jet ink, an ink jet recording material or an ink jet system comprising at least one sterically hindered N-hydroxylamine strong acid salt, for example 1-hydroxy-2,2,6,6-tetramethyl-4-hydroxypiperidinium chloride or bis(1-hydroxy-2,2,6,6-tetramethylpiperidin-4-yl) sebacate dihydrochloride; or comprising at least one dialkyl N-hydroxylamine salt, for example chloride, bisulfate, sulfate, phosphate, nitrate, ascorbate, formate, acetate, benzoate, oxalate, citrate, a carboxylate of ethylenediaminetetraacetic acid or of diethylenetriaminepentaacetic acid or polyacrylate salts of N,N-diethylhydroxylamine, N,N-bis(2-hydroxypropyl)hydroxylamine, N,N-bis(3-hydroxypropyl)hydroxylamine, N,N-dibenzylhydroxylamine or the N,N-di(alkyl)hydroxylamine produced by the direct oxidation of N,N-di(hydrogenated tallow)amine.